

# SEQUENCE LISTING

<110> Lowery, David

Kennedy, Michael J

<120> Salmonella Vaccine Materials and Methods

<130> 28341/6114.N

<140>

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<150> 60/190,178

<151> 2000-03-17

<160> 30

<170> PatentIn Ver. 2.0

<210> 1

<211> 779

<212> DNA

<213> Salmonella dublin

<400> 1

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<213> *Salmonella typhimurium*

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cgtactttat ttttgacca gcaattttta aaatatatcc aggagagtg gagaacgctt 540  
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gctttaggtc ttttaaactg gtcggcacia caattgaatg tgtttttctt ctcaatgccg 660  
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<211> 749

<212> DNA

<213> *Salmonella dublin*

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 agtatcttga tgcagcctgc tgaattcaga atggttagctg acgtacccgc gagacaaaca 600  
 ttctggatta tggacgttat caacgccaat aaaggggaagg tggagaagtg gttgatgaaa 660  
 tacccttatac agttgatggt attgttgaca ggactggtat taggagtggg catcctgatac 720  
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<210> 4

<211> 749

<212> DNA

<213> Salmonella typhimurium

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 ttctggatta tggacgttat caacgccaat aaaggggaagg tggagaagtg gttgatgaaa 660  
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<210> 5

<211> 1052

<212> DNA

<213> Salmonella dublin

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 gaggttttac atctgctctc agagaactat gatacggcta ttactattag cccattgata 180  
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gcagcacaat atgatttgct tacctgggtt gatggcagca tggtatatgt atatcctgca 300  
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 attgcgttca atacagggtt gaatgacggg ggtgctagcg gttttttcaa cggtaatcag 960  
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 actttccag ccattctgtg tgactttaaa ta 1052

<210> 6

<211> 1052

<212> DNA

<213> Salmonella typhimurium

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<210> 7

<211> 368

<212> DNA

<213> Salmonella typhimurium

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 cgattatatt tgttgccgca tgggcttgca atgagttggt ctccacctct ttccagctcc 300  
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<210> 8

<211> 28

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: primer

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<210> 9

<211> 27

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: primer

<400> 9

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<211> 34

<212> DNA

<213> Artificial Sequence

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<210> 11

<211> 49

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: primer

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<210> 12

<211> 49

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: primer

<400> 12

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49

<210> 13

<211> 34

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: primer

<400> 13

gccaatctag atcttttcta atcttataat attg

34

<210> 14

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 14

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34

<210> 15

<211> 46

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 15

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46

<210> 16

<211> 46

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 16

aacagcagaa gattaatttt ttatgagccg acctgatccc gaggtg

46

<210> 17

<211> 35

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: primer

<400> 17

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35

<210> 18

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

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37

<210> 19

<211> 50

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 19

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50

<210> 20

<211> 42

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 20

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42

<210> 21

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 21



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34

<210> 22

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 22

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35

<210> 23

<211> 48

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

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48

<210> 24

<211> 48

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 24

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48

<210> 25

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 25

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35

<210> 26

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 26

gccaatctag atcaggcatt agaaatagcg cgtta

35

<210> 27

<211> 48

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 27

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48

<210> 28

<211> 48

<212> DNA

<213> Artificial Sequence

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<211> 35

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: primer

<400> 29

~~10~~

48

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35

<210> 30

<211> 368

<212> DNA

<213> S. dublin ssaM

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